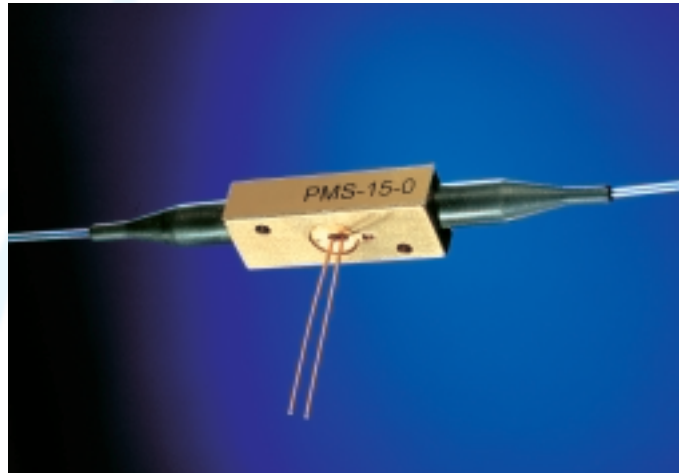


## In Line Power Monitor

Non-Invasive, In-Line design ensures low insertion loss  
and near zero Back Reflection



### FEATURES:

- Replace tap coupler-photodiode
- Low Loss
- Nearly Zero Back reflection
- Low cost
- Small foot print
- Wide wavelength operating range
- Single or multiples of 4 and 8

### APPLICATIONS:

- EDFA Gain Module
- Raman Amplifiers
- Integrated Modules
- Precision Power Control
- Optical Input Channel Monitoring
- Test and Measurement Instruments

*Designed to Comply with Telcordia-1221-CORE*

### First Building Block in an Evolving Series of Optical Signal Monitors

FiberLogix's Power Monitor uses their All-Fiber patented Evanescent Field technology to provide accurate, stable power monitoring over a wide signal range with minimal impact on signal quality. Since the technology is non-invasive, i.e. the signal path is not interrupted, low insertion loss, low PDL and Near Zero Back Reflection are assured.

The FiberLogix Integrated Fiber Optic Substrate (IFOS™) technology, using evanescent field control, is uniquely suitable for integration at component and sub-component level to create more complex units. For instance, the Power Monitor can be directly fused into other components, such as AWG mux or demux, switches or VOAs to create cost effective, high performance integrated components or modules. Contact FiberLogix direct to discuss your requirement.

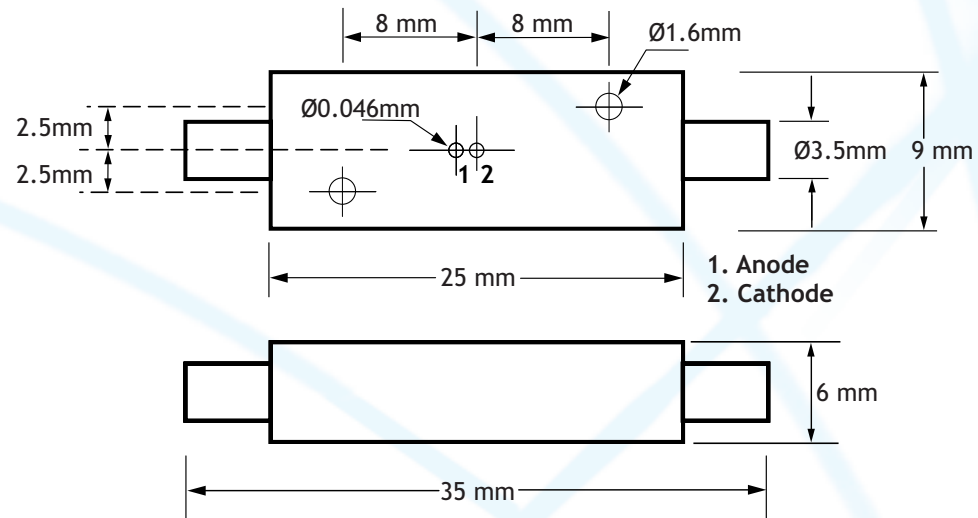


**SPECIFICATIONS:**

Wavelength range nm	1300 to 1625
Channels	1 or 4
PDL dB	0.05 typ, 0.1max.
Insertion Loss (typ) dB	0.2
Responsivity mA/W	1-5 (depending on tap ratio)
WDL dB	0.1 typ, +/-0.15 max
Return Loss dB	>70
Input power range dBm	23
Wavelength dependent response dB/nm	+/-1.3 typ, +/-1.4 max. (1510-1610)
Polarization dependent response dB	0.3
Dark current nA	5
Pigtail option	1m fiber standard, 900um optional
Operating Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C

**PACKAGE FOOTPRINT AND PIN OUT:**

All dimensions are approximate and may vary slightly.



Strain Relief Boots not shown

**Ordering information:**

